Volvo has over twenty five years experience in waste handling and offers the market's widest range of purpose-built machines; all designed to meet high industry demands for safety, dependability and cost efficiency. As focus continues to shift to intensive recycling not just waste handling, Volvo is ready. Together with you, Volvo is a vital link in modern waste handling.

Environmental demands regarding waste disposal and recycling have increased dramatically. Much more is expected not only of those working with waste, but also of those supplying the machines to gather, sort process and dispose of the growing mountains of waste.

Volvo has always been driven by strong core values. Our company’s founders made clear from the beginning that our business would always have the safety of people at heart and that technology would be developed on human terms. Our three core values of quality, safety and environmental care grew from these basic ideas. Today these core values are more relevant than ever. Not least in waste management.
WASTE & RECYCLING SOLUTIONS
Windshield & Side/Rear Window Guards
Complete guarding all around the cab which protects the operator as well as the windshield. Windshield guard hinges from front for easy maintenance and cleaning.

Radiator Grill Guard
Hinged guard designed for easy service access and protection of the radiator, cooling fan and condenser cores.

Cab & Engine Air Precleaners
Precleaners reduce contamination of engine oil and cab environment. Engine precleaner helps extend life of standard air filters.

Relocated Headlights & Headlight Guards
The headlight assemblies have been moved closer to the front frame to reduce the for risk of damage.

Fire Suppression System
Fully automatic fire suppression system. Water based system with foam, activated manually inside or outside the cab.

Front Frame Cover Plate
Prevents debris from collecting inside the front frame while also protecting the main hydraulic valve and its connections.

Under Cab Guard
Designed to protect the components located directly underneath the cab, including electrical connections.

Boom Cylinder, Hose & Tube Guards
Designed to protect the boom cylinder, hoses and pipes. Steel spiral hose guards and a protective plate are used to cover the hoses connecting the boom cylinders to the main valve.

Rubber-Suspended Cab Ladders
Lower steps are rubber mounted and reduce potential damage from debris.
**Wheel / Axle Seal Guards**

Designed to keep material from wrapping around the axles during operation and damaging the axle seals.

**Main Battery & Disconnect Switch**

Additional main battery disconnect switch located inside the cab for quick and easy access in case a power shutdown is necessary. It is possible to lock-out the switch to prevent the machine from being started or moved.

**Grease Tube Guards**

Protective guarding is used to cover exposed grease tubes and zerks where possible. Some grease tubes are changed to heavy-duty thick wall tubes.

**Front & Rear Belly Guards**

Encloses the components located within the front/rear frame between the center hinge and the front/rear axle. Includes driveshaft, universal joints and hydraulic lines (front)/engine and transmission (rear). Hinged for easy cleaning and maintenance.

**Tail Light Guards**

Protect the tail lights and turn signals from debris that may break or damage the lenses.

**Steer Cylinder & Center Hinge Guards**

Protection for exposed parts in the center hinge area, including the steer cylinders, transmission, as well as hydraulic and electrical lines.

**Oil Sump Belly Guard**

Covers the area located between the rear axle and fuel tank, protecting the engine’s oil sump and drain hoses.
**Grapples & Attachment Settings**

Volvo hydraulics are ready for a range of waste and recycling attachments including grapples. 20 different attachment flow and pressure can be programmed into the excavators memory.

**Under Guarding**

Enhanced 8 mm (0.31 in.) under-guarding of the superstructure and 10 mm (0.39 in.) guarding under the slew ring, with standard bolt-head protection.

**Bucket & Boom Cylinder Guards**

Protect rods, cylinders, hose rupture valves and piping from falling objects. These steel jackets reduce the chance of machine damage and improve uptime.

**Frame-Mounted Falling Object Guard**

Protects the operator and cab from wayward debris, enhancing safety and machine uptime.

**Swing-Ring Protection Guard**

Jackets the swing ring bearing seal and grease piping from damage by rebar and other debris.

**Cab & Engine Precleaners**

Precleaners reduce contamination of engine oil and cab environment. Engine precleaner helps extend life of standard air filters.
Double-Thickness Side Doors

Both sides of the superstructure protect coolers and pumps in the event of a side impact, and enhance overall machine life.

Bolt-on Side Impact Protection System

Protects the superstructure from damage

Punched Plating

Walkways are designed with punched plating to promote safety through better traction.

Full-Length Track Chain Guards

Keeps out debris and prevents rebar or other sharp objects from lodging in the tracks. Extendable undercarriage expands by 1 m (3’ 3”) for increased stability.

Micro-Mesh Screening

On the doors and engine cowl - keeps out trash and fine particles and boosts engine performance.

Fire Suppression System

Fully automatic fire suppression system. Water based system with foam, activated manually inside or outside the cab.
Volvo Waste & Recycling Skid Steer Loaders

**Loader Design**
The unique, single loader arm design delivers the loading performance and durability of a traditional design, along with the safety, improved visibility and enhanced cab access of a side-entry, low tower design. Loader arm is backed by a lifetime warranty.

**Scrap Grapple**
The easy way to handle bulky or loose material of varying sizes, not just in scrap applications. High-capacity handling with excellent material retention. Provides excellent ground visibility for safe handling. Strength and durability for long life.

**Cab**
Redesigned for spacious, safe comfort with ROPS/FOPS safety. FOPS Level 2 roof guard and front screen guard available.

**Loader pivot pins**
Loader arm pivot pins are stronger and larger than most competitors. Effectively distributes the load over the single arm design. Provides durability and longevity, backed by a lifetime warranty.

**Front Windshield Guard**
Complete guarding all around the cab which protects the operator as well as the windshield.

**FOPS Level 2 Roof guard** also available.

**Radial Lift**
Ideal loader path for heavy duty attachments and ground engaging applications.

**Vertical Lift**
Ideal lift, tip height and reach for truck loading and material handling applications.
Visibility
Single tower loader arm and large top window for all-around, class-leading visibility

Fuel Tank Capacity
Best-in-class fuel tank capacity means longer operating shifts and more productivity

Service Access
Simple, safe access to all service and maintenance areas with a forward-tilting cab and a large rear compartment door

Cab Access
Cab access is safer through the side entry, large opening door. Eliminates the need to climb over a muddy/slippery bucket or attachment. Does not require the operator to perform an uncomfortable body turn in order to sit down. Safely step in and out of the cab with a bolt-on, non-slip step under the side door

Solid Tires & Guarding
Solid tires and guarding are all available from the factory

Tilting Cab
For major service, the entire cab can be tilted forward by the removal of just two bolts from inside the cab. Gas struts automatically lock into place for safe, easy access to key internal components
**Windshield & Rear Window Guards**

Complete guarding all around the cab which protects the operator as well as the windshield.

**Rear Hood Protection**

Rear guard, in combination with the cast counterweight, helps prevent engine cover damage. The guard swings away to facilitate easy servicing.

**Cab & Engine Air Precleaners**

Filters for the cab and the engine help clean the air more than standard filters.

**Tail Light Guards**

Protect the tail lights and turn signals from debris that may break or damage the lenses.

**Grease Zerk Guards**

Protective guards installed over exposed grease zerk.

**Driveline Guard**

The driveline, hydraulic motor and other components located underneath the machine are protected by a thick steel plate to prevent damage from debris and other materials. Special access to hydraulic and fuel tanks has been designed to facilitate maintenance.
**Boom Lift Cylinder Protection**

Designed to protect the boom cylinder, hoses and tubes. "Box-type" structure prevents debris from damaging hoses and/or tubes when scrap becomes trapped between the front frame and the boom cylinders.

(Large Wheel Loader Protection Shown)

**Hydraulic Attachment Bracket**

Promotes versatility from the machine and allows one machine for multiple jobs. A steel protection case prevents scrap and other debris from damaging hydraulic fittings.

**Waste Handling Bucket**

Quick attach buckets specifically designed for scrap handling. Made with high-strength steel, the scrap bucket features independent dual hydraulic clamps to grip material such as paper, plastic or metal. The unique Volvo quick coupler provides outstanding visibility to the bucket.

**Headlight Guards**

Protective guards for front work lights and signals.
Powerful Hydraulics
• Work modes match hydraulic speed & power in different applications.
• Boom/arm summation system maximizes power by prioritizing functions - as digging forces increase, flow, at the same pressure, increase hydraulic power.

Durable Frame
• Upper & lower, robotically welded frames are strategically reinforced for increased durability in your toughest applications.

Fuel Efficient Volvo Engine
• High torque at low rpm delivers industry leading fuel efficiency.
• High-capacity, variable speed engine cooling fans run as required to keep engine at maximum efficiency.

Volvo Care Cab
• Best-in-class cab filtration, adjustable seat, arm rests, air conditioning, excellent visibility & anti-glare LCD color monitor with rearview camera are standard.
• CareTrack telematic monitoring system, & Contronics/MATRIS, our on-board diagnostic systems, are standard - these systems provide maximum uptime.

Easier Service
• Easily accessible hatches and service areas, remote-mounted fluid drains and easy filter locations during replacements help lower machine downtime.
Highly Efficient Volvo Powertrain

- High torque at low rpm (1100-1600 rpm) engine, designed together with the high flow, load-sensing hydraulics provide fast hydraulic speeds and high fuel efficiency.
- OptiShift, with lock-up torque converter and Reverse-By-Braking technology, increases overall fuel efficiency by up to 15%. (L150G - L350F)
- Forced oil-cooled, outboard-mounted, wet disc brakes lower operating costs by increasing the life of your brakes - brake wear indicators lowers downtime. (L60G-L350F)
- Selectable 100% differential lock in the front axle for L60G - L250G and both axles for L45G and L50G provide maximum traction.
- L45G & L50G hydrostatic transmission is an infinitely variable transmission. The speed gears limit the max. travel speed within the range - without any tractive power interruption. Reliable wet disc brakes with nitrogen-charged accumulators & hydraulic inching pedal.

Powerful Linkages

- Torque Parallel Linkage (L45G - L220G) - high breakout torque and parallel lift at all heights and attachment angles provide excellent visibility to help increase production.
- Z-Bar Linkage (L250G, L350F) - high breakout force at ground level allow for easy filling of bucket. Linkage provides excellent visibility to help increase production.

Volvo Care Cab

- Best-in-class cab filtration, ergonomically-placed switches, adjustable seat and steering wheel, and low internal sound levels all provide excellent operator comfort to help increase production rates over a day’s shift.
- CareTrack telematic monitoring system, & Contronics/MATRIS, our on-board diagnostic systems - these systems provide maximum uptime.

Wheel Loader Line


Operating Weight Range

- 19,026 - 110,000 lbs (9.5 - 55.0 tons) (8,630 - 49,895 kg)

Net Engine Power & Torque Ranges

- 98 - 528 hp, 299 - 1,870 lbf ft (73 - 394 kW), (406 - 2,535 Nm)

Full Turn Tipping Capacity Range

- 11,547 - 74,870 lbs (5,250 - 33,960 kg)

Bucket Breakout Force Range

- 13,421 - 88,280 lbf (59.7 - 392.6 kN)

Travel Speed Range

- 220 - 280 mph (354 - 450 kph)
Highly Efficient Volvo Powertrain (Engine, Transmission, Axles & Brakes)
- High torque at low rpm (1800 - 2100 rpm) engine provides over six horsepower per ton on average promoting high production and excellent fuel efficiency.
- Automatic Traction Control simplifies operation and provides automatic lock-up of dog-clutch differentials which provides maximum torque and extreme off-roading.
- Industry-exclusive self-compensating steering ensures accurate cornering lines.

Full suspension haulers feature an industry exclusive suspension system that use full flow hydraulic cylinders on each wheel with self-leveling capabilities. **Productivity increases of up to 32%** on rough, dry roads with these models.

Easier Service
- No daily or weekly maintenance on all Volvo haulers provides maximum uptime.
- Servicing at 250 hours, low number of greasing points, easily accessed oil engine filters and drain keep you working.

**Volvo Care Cab**
- Air suspension seat, air-conditioning, CD player, tilt/telescopic steering wheel are standard in order to increase comfort which helps production over a day's shift.
- CareTrack remote monitoring system, & Contronics/MATRIS, our on-board diagnostic systems, are standard - these systems provide maximum uptime.
Highly Efficient Volvo Powertrain (Engine, Transmission, Axles & Brakes)
- Triple power curves provide optimum power at all operating speeds.
- Load-sensing hydraulics promote higher fuel efficiency.
- HTE 840 transmission offers automatic downshifting & shuttle shifting - a feature enabling directional shifts without clutching (8F/4R).
- Four individual, multiple wet-disc wheel brakes feature a dual cross-over system with an electric backup system.
- All service functions including grease zerks and fuel fill are accomplished at ground level for quick servicing which helps lower downtime.

Grading Performance
- Excellent blade down force provides increased productivity and circle turn torque allows movement of material while operating at optimum speeds.
- An optional lifetime frame warranty is available.

Volvo Care Cab
- Reduced shifter movement for repetitive operations - simply moves the shifter straight forward/back to change directions. G946B features joystick controls. (optional)
- CareTrack remote monitoring system, & Contronics/MATRIS, our on-board diagnostic systems, are standard - these systems provide maximum uptime.

Motor Grader Line
G930B, G940B, G946B, G960B, G970, G976, G990

Operating Weight Range
34,830 - 48,720 lbs (17.4 - 24.4 tons)
(15,800 - 22,100 kg)

Net Engine Power Range
155.0 - 265.0 hp
(116.0 - 198.0 kW)

Forward Travel Speed Range
8-Speed Transmission (8F/4R)
Up to 28.1 mph (45.2 kph) forward
11-Speed Transmission (11F/6R)
Up to 30.5 mph (49.1 kph) forward
A Versatile Line of Compact Players
- 2-speed travel option (12.4 mph) for fast operation or transport around the jobsite.
- Ergonomic pilot controls and cab environment keep operators comfortable over long shifts.
- Demolition package available; FOPS Level 2 roof guard, front screen guard, heavy duty rear bars, twine cutters, fire extinguisher. Solid tires and solid flex tires available.

A Full Line of Attachments to Meet Your Needs
- Volvo offers a line on attachments for this segments plus alliances with other specialty attachments manufactures to supply the market place.
- Ability to interchange certain attachments with compact wheel loaders.
- Hydraulic attachment bracket is available for larger models.

A Value You Can Trust
- Powerful, fuel efficient engines that meet or exceed latest Tier emissions requirements.
- Easy left-side entry and exit on C-Series models with up to 270 degrees of unobstructed visibility.
- Robust, single-arm design comes with a lifetime warranty.

Easier Service
- Ground level service points, pressure test ports, remote fluid drains, and easy filter replacements.
- Forward-tilting cab provides for unprecedented access to driveline and main components for servicing.

Skid Steer Loader Line
MC60C, MC70C, MC85C, MC95C, MC110C, MC115C, MC135C

Compact Track Loader Line
MCT85C, MCT125C, MCT135C

Operating Weight Range
6,065 - 11,200 lbs (2,750 - 5,080 kg)

Net Engine Power Range
47.0 - 92.0 hp (35.1 - 68.6 kW)

Rated Operating Capacity Range
1,350 - 3,000 lbs (612 - 1,360 kg)

Bucket Breakout Force Range
4,010 - 7,180 lbs (1,818 - 3,260 kg)

Travel Speed Range
7.5 - 12.4 mph (12.0 - 20.0 kph)
Compact Wheel Loader Line
L20F, L25F, L30B, L35B

Operating Weight Range
9,945 - 13,710 lbs (4,510 - 6,220 kg)

Net Engine Power Range
54.0 - 75.0 hp (40.0 - 55.0 kW)

Full Turn Tipping Capacity Range
6,175 - 9,480 lbs (2,800 - 4,300 kg)

Bucket Breakout Force Range
6,970 - 13,600 lbf (31.0 - 60.5 kN)

Travel Speed Range
19.0 mph (30.0 kph) (High-Speed)

Backhoe Line
BL60B, BL70B

Operating Weight Range
16,200 - 17,250 lbs (7,340 - 7,820 kg)

Net Engine Power Range
83.0 - 90.0 hp (62.0 - 67.0 kW)

Maximum Travel Speeds Range
Forward/Reverse - 21.0 mph (34.0 kph)

Loader Breakout Force
Up to 12,450 lbf (55.4 kN)

Bucket Digging Force
Up to 13,300 lbf (59.1 kN)

Performance - Transmission - Hydraulics - Easier Service
- Outboard, wet-disc brakes and planetaries, front and rear cast steel axles with improved axle mounting design
- Industry exclusive high-mounted swing cylinders avoid seal contamination from ground contact
- Swing casting features massive top and bottom yokes with large pivot bushings.
- Fully auto powershift transmission features 4-forward and 4-reverse speeds & kickdown for fast shifting from 2nd to 1st gear (BL70B option).
- BL70B features a closed-center, load-sensing, flow sharing valves coupled with a variable displacement pump
- Maintenance-free extendable dipper allows for higher versatility and provides superior craning ability.

Compact Wheel Loader Line
L20F, L25F, L30B, L35B

Operating Weight Range
9,945 - 13,710 lbs (4,510 - 6,220 kg)

Net Engine Power Range
54.0 - 75.0 hp (40.0 - 55.0 kW)

Full Turn Tipping Capacity Range
6,175 - 9,480 lbs (2,800 - 4,300 kg)

Bucket Breakout Force Range
6,970 - 13,600 lbf (31.0 - 60.5 kN)

Travel Speed Range
19.0 mph (30.0 kph) (High-Speed)

Highly Efficient Powertrain - Powerful Hydraulics - Articulating, Oscillating Joint - Easier Service
- High torque at low rpm engine, wear-free brakes, operator selectable 100% differential locks, optional high speed transmission
- Separate working/steering pumps enhances simultaneous functions for higher production
- Center-point joint features tight turning radius and maximizes stability in uneven terrain (L20F - L35B)
- Ground level service points, pressure test ports, remote fluid drains and easy filter replacements
A strong, dedicated, capable dealer network.

Our dealers are strategically located throughout North America to provide the equipment you need and the parts and service support you demand for a productive and profitable operation.

The strength of our dealer network is enhanced with extensive individualized product and product support training at our state-of-the-art Technical Training Center in Asheville and through hands-on training. At our nearby 80-acre Product Demonstration Center, visitors operate equipment from our entire product line under a variety of simulated working conditions. Both facilities are in year-round use by our dealers and customers – more than 2,000 visit each year.

Building the best starts right here.

The products designed and manufactured by Volvo Construction Equipment have their beginnings at the most advanced Research & Design centers in the industry. Volvo CE machines are designed in 11 R&D centers and produced in 15 manufacturing facilities across the world.

The major R&D center and manufacturing plant in the Americas is located in Shippensburg, Pennsylvania. This facility has been in operation for over 30 years and – with its recently added 200,000 sq ft expansion – now covers 570,000 sq ft on an 80 acre campus. Dedicated work teams and highly advanced technologies and techniques using the Volvo Production System ensure continuous quality improvements, labor savings and cost control to reach the high quality that our customers have come to expect from Volvo.
CareTrack - Volvo’s telematics system works with our exclusive machine tracking info system, MATRIS, using guided diagnostics to track and analyze machines remotely - minimizing costs and maximizing uptime.

Customer Support Agreements - Gives you peace of mind by reducing total ownership costs, maximizing uptime, and distributing maintenance and major repair costs.

Parts - Genuine Volvo Parts and certified Volvo technicians will keep your machine running and working hard over the long haul.

Attachments - Providing customers with a wide variety of attachments keep your machine working and open up new job opportunities.

Global Strength of Volvo

Volvo has the expertise in designing power systems that move the world and providing you support you need to succeed. Our expertise shines in Volvo Construction Equipment, Volvo Buses, Volvo Penta and Volvo Trucks - Volvo Financial Services help support you during purchasing phases. Our company performance has been honed on land, over the sea, across the sky and into space. So when we say Volvo strength is tested and proven, you can believe it. Trust in it. It’s the real advantage of Volvo global strength.
Volvo Construction Equipment is different. Our machines are designed, built and supported in a different way. That difference comes from an engineering heritage of over 175 years. A heritage of thinking first about the people who actually use the machines. About how to help them be safer, more comfortable, more productive. About the environment we all share. The result of that thinking is a growing range of machines and a global support network dedicated to helping you do more. People around the world are proud to use Volvo.

Not all products are available in all markets. Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice. The illustrations do not necessarily show the standard version of the machine.